

KISTANOV, Viktor Vasil'yevich; SAZANOVICH, N.K., red.; SLETSKINA,  
TS.S., ERM. red.

[Comprehensive development and specialization of the  
economy of economic regions] Kompleksnoe razvitie i  
spetsializatsiia khoziaistva ekonomicheskikh raionov.  
Moskva, Ekonomika, 1965. 189 p. (MIRA 18:9)

KISTANOV, I. A.

ed. 35 let sovetskoi trgovli (sbornik statei); 1917-1952 [35 years of Soviet trade (1917-1952); collection of articles]. Moskva, Gostorgizdat, 1952. 151 p.

SO: Monthly List of Russian Acquisitions, Vol. 7 No. 1 April 1953.

KISTANOV, YA.

Cooperation

Book on the development of consumer cooperatives in the USSR ("Consumer cooperative in the USSR: A historical study." Reviewed by Donskaya, G. and Markova, A. ) Vop ekon. No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED

KISTANOV, YA. A.

И/5  
783.341  
.93

Planirovaniye Khozyaystvennoy Deyatel'nosti Gosudarstvennoy Torgovoy Organizatsii (Torgfinplan Torga) (Planning of Economic Activities of the State Trading Organization, by) L. S. Gankina, B. I. Gornl', Ya A. Kistanov (i Dr.)  
Pod Red. M. M. Lifitsa Uchebnoye Posobiye Dlya Torgovykh Vuzov. Moskva.  
Gostorgizdat, 1955.  
334 p. Tables.

SEREBRYAKOV, S.V., prof., doktor ekonom.nauk; GOGOL', B.I., dotsent;  
LIFITS, M.M., prof.; YEPILOV, A.I., dotsent; ~~KISTAEV, Ya.A.,~~  
dotsent; GRENKINA, L.S., dotsent; VASIL'YEV, S.S., dotsent;  
DNEPROVSKIY, S.P., prof.; PIROGOV, P.V., dotsent; SMOTRINA, M.A.,  
dotsent; KULIKOV, A.G., dotsent; KUZIN, N.I., dotsent; PISKUNOV, V.  
red. ; .. MUKHIN, Yu., tekhn.red.

[Economics of Soviet commerce] Ekonomika sovetskoi trgovli;  
uchebnoe posobie. Moskva, Gos.izd-vo polit.lit-ry, 1959. 478 p.  
(MIRA 12:12)

(Russia--Commerce)

VASIL'YEV, , S.S., dots.; GENKINA, L.S., dots.; GRIGOR'YAN, G.S., dots.;  
KISTANOV, Ya.A., dots.; KULIKOV, A.G., dots.; LIFITS, M.M.,  
prof.[deceased], OBLOVATSKIY, F.Ya., dots.; PIROGOV, P.V., dots.;  
POPOV, A.N., dots.; MOTRINA, N.A., dots.; FEILOV, A.I.;  
STARCHAKOVA, I.I., red.; EL'KINA, E.M., tekhn. red.

[Economics of commerce] Ekonomika trgovli. Red. kollegia;  
Vasil'ev, S.S., Grigor'ian, G.S., Feilov, A.I. Moskva, Gos-  
torgizdat, 1962. 727 p. (MIRA 15:6)  
(Commerce)

GRIGOR'YAN, G.V., dots.; KISTANOV, Ya.A., dots.; FEFILOV, A.I., dots.;  
GENKINA, L.S., dots.; VASIL'YEV, S.S., dots.; SEREBRYAKOV, S.V.,  
prof.; DNEPROVSKIY, S.P., prof.; PIROGOV, P.V., dots.; GOGOL',  
B.I., dots.; SMOTRINA, NA., dots.; KULIKOV, A.G., dots.; KUZIN,  
N.I., dots.; AVETISYAN, Ye., red.; MUKHIN, Yu., tekhn. red.

[Economics of Soviet commerce; textbook] Ekonomika sovetskoi trgov-  
li; uchebnik. Moskva, Gospolitizdat, 1962. 527 p. (MIRA 15:6)

1. Moskovskiy institut narodnogo khozyaystva im. G.V.Plekhanova  
(for Grigor'yan, Kistanov, Fefilov, Genkina, Vasil'yev, Sere-  
bryakov, Dneprovskiy, Pirogov, Gogol', Smotrina, Kulikov, Kuzin).  
(Russia—Commerce)

GRIGOR'YAN, G.S.[Hryhor'ian, H.S.], dots.; KISTANOV, Ya.A., dots.;  
 FEFILOV, A.I., dots.; GENKINA, L.S.[Henkina, L.S.], dots.;  
 VASIL'YEV, S.S.[Vasil'iev, S.S.], dots.; SEREBRYAKOV, S.V.,  
 prof.; DNEPROVSKIY, S.P.[Dnieprovs'kyi, S.P.], prof.;  
 PIROGOV, P.V.[Pyrohov, P.V.], dots.; COGOL', B.I.[Hohol', BI.],  
 dots.; SMOTRINA, N.A., dots.; KULIKOV, O.G.[Kulikov, O.H.],  
 dots.; KUZIN, M.I., dots.; DEMIDYUK, V.F.[Damydiuk, V.F.], red.;  
 SKVIRSKAYA, M.P.[Skvyra'ka, M.P.], red.; LEVCHENKO, O.K., tekhn.  
 red.; SERGEYEV, V.F.[Serhieiev, V.F.], tekhn. red.

[Soviet trade economics] Ekonomika radians'kol torhivli; pid-  
 ruchnyk. [By] G.S.Grigor'ian ta inshi. Kyiv, Derzhpolitydav  
 URSR, 1962. 500 p. (MIRA 16:11)

(Russia—Commerce)



GRIGOR'YAN, G.S., prof.; KISTANOV Ya.A., prof.; FEFILOV, A.I., dots.;  
GENKINA, L.S., dots.; VASIL'YEV, S.S., dots.; SEREBRYAKOV, S.V.,  
prof.; DNEPROVSKIY, S.P., prof.; PIROGOV, P.V., dots.; GOGOL',  
B.I., doktor ekon. nauk; SPOTRINA, N.A., dots.; KULIKOV, A.G.,  
prof.; KUZIN, N.I., dots.[deceased]; AVETISYAN, Ye., red.;  
MUKHIN, Yu., tekhn. red.

[Economics of Soviet trade] Ekonomika sovetskoi trgovli;  
uchebnik. 2., dop. izd. Moskva, Politizdat, 1963. 519 p.  
(MIRA 16:12)

(Russia--Commerce)

AUTHORS: Bashkirov, A. N., Corresponding  
Member, AS USSR, Kistanova, A. I.

S/O20/60/131/04/030/073  
B011/B017

TITLE: Oxidation of Naphthene Hydrocarbons in the Liquid Phase in the  
Presence of Boric Acid

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol 131, Nr 4, pp 827-829 (USSR)

TEXT: Under the conditions mentioned in the title, the oxidation of naphthenes takes place widely under the formation of alcohols. For the purpose of studying this oxidation, the authors synthesized (according to Grignard) a series of naphthene hydrocarbons with side chains of varying lengths in the molecule: n-amylcyclohexane, n-heptylcyclohexane, and n-nonylcyclohexane. Their constants are shown in table 1. These compounds were oxidized at normal pressure by means of a nitrogen-oxygen mixture ( $O_2$ -content 3.5%). The specific consumption of the oxidizing gas was 1000 l/kg.h, the temperature  $165^\circ$ , the duration of the experiment 4 h, the added amount of boric acid 5%. The apparatus used was described in reference 1. The oxidized substance was saponified with hot water. Table 2 gives the characteristics of the oxidized substances. They show that the reaction products are mainly alcohols. After having saponified the boric acid esters, the not reacted hydrocarbons were separated chromatographically on silica gel of type ASK from the oxygen-containing compounds. Petroleum ether (boiling out at  $60^\circ$ ) and methanol were used as displacing liquids. The esters were saponified by means

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Oxidation of Naphthene Hydrocarbons in the Liquid  
Phase in the Presence of Boric Acid

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of caustic potash. The alcohols obtained were separated from ketones by the formation of boric acid esters. Bifunctional compounds which are formed in small quantities during oxidation were separated chromatographically (this method devised by the authors will be published shortly). Here benzene and methanol were used as displacing liquids. Pure alcohols were distilled in the vacuum (Table 3). Their primary and secondary alcohol content was determined (Table 4). Furthermore, the authors wanted to find out whether the oxidation described takes place under the destruction of the molecule. For this purpose, they dehydrated the alcohols which they obtained from the oxidized product of n-nonylcyclohexane over anhydrous aluminum oxide at 270° in the vacuum. The unsaturated hydrocarbons formed had an iodine number of 120 (for  $C_{15}H_{30}$  it should be 122). They were hydrogenated in n-heptane medium over a Raney nickel catalyst at a hydrogen pressure of 30 atm and at 180°. n-Heptane was distilled off in the vacuum. Table 5 shows the comparative characteristics of the hydrocarbon obtained from alcohols and of the n-nonylcyclohexane used. These two substances are identical. Thus, the authors proved that alcohols are formed by oxidation of naphthenes with a side chain of normal structure in the presence of boric acid. In this case, no destruction of the molecule of the oxidized substance takes place. The alcohols formed are mainly secondary, and have the same number of carbon atoms in the molecule as the hydrocarbon used.

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Oxidation of Naphthene Hydrocarbons in the Liquid  
Phase in the Presence of Boric Acid

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B011/B017

There are 5 tables and 4 references, 3 of which are Soviet.

ASSOCIATION: Institut neftekhimicheskogo sinteza Akademii nauk SSSR  
(Institute of Petroleum-chemical Synthesis of the Academy of  
Sciences, USSR). Moskovskiy institut tonkoy khimicheskoy tekhn-  
ologii im. M. V. Lomonosova (Moscow Institute of Fine Chemical  
Technology imeni M. V. Lomonosov)

SUBMITTED: October 20, 1959

Card 3/3

BASHKIROV, A.N.; KISTANOVA, A.I.

Composition of alcohols obtained in liquid phase oxidation  
of naphthene hydrocarbons. Dokl. AN SSSR 148 no. 4: 829-831  
F '63. (MIRA 16:4)

1. Institut neftekhimicheskogo sinteza AN SSSR i Moskovskiy  
institut tonkoy khimicheskoy tekhnologii im. M.V. Lomonosova.
2. Chlen-korrespondent AN SSSR (for Bashkirov).  
(Alcohols) (Naphthenes) (Oxidation)

L'VOVA, N., KISTANOVA, L.

For you, automobilists. Za rul. 18 no.5:22 My '60.

(MIRA 14:3)

1. Starshiy inspektor Glavkurorttorga Ministerstva trgovli

RSFSR (for L'vova).

(Tourist camps, hostels, etc.)

GUBANOV, A.; KISTAUBAYEV, K.; GROMADCHENKO, A. (stantsiya Shaktnaya);  
VOLOSOVICH, A., brigadir; MASLOV, T.; TEL'TSOV, A. (g.Ivanovo);  
SVISTUNOV, V.; KOVALEV, V.; KISELOV, V. (g.Priozersk, Leningradskoy  
oblasti); ANISIMOV, P.; KUTAYTSEV, Ye.

Editor's mail. Sov.profsoluzy 16 no.17;44-50 3 '60.

(MIRA 13:8)

1. Predsedatel' mestnogo komiteta upravleniya sovkhoza imeni  
Stalina, Krasnodarskogo kraya (for Gubanov). 2. Zaveduyushchiy  
avtoklubom Yuzhno-Kazakhstanskogo obkoma profsoyuzov rabochikh  
i sluzhashchikh sel'skogo khozyaystva i zagotovok, g.Mal'chik  
(for Kistaubayev). 3. Chlen komiteta profsoyuzov gil'sonabivnogo  
tsukha fabriki "Dukat," Moskva (for Volosovich). 4. Predsedatel'  
mestnogo passazhirskogo avtotransportnogo transporta, g. Mal'chik  
(for Maslov). 5. Instruktory kul'turno-massovogo otdela  
Leningradskogo oblasovprofa (for Svistunov). 6. Redaktor gazety  
"Asovstal'stroyevets," g. Zhdanov (for Kovalev). 7. Nachal'nik  
otdela kadrov Ul'yanovskogo sel'skokhozyaystvennogo instituta  
(for Kutaytsev). 8. Starshiy instruktor Tyumenskogo oblastnogo  
soвета профсоюзов (for Anisimov).  
(Trade unions)

KISTAUBAYEVA, R. K.

KISTAUBAYEV, R. K.: "Accelerated laboratory methods of diagnosing diphtheria". Alma-Ata, 1955. Kazakh State Medical Institute named after V. M. Molotov. (Dissertations for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya letopis', No. 52, 24 December, 1955. Moscow.



KISTAUBAYEVA, N.K.

Comparative characteristics of the clinical aspects of diphtheria  
in vaccinated and in unvaccinated children. Zdrav. Kazakh. 21 no.10:  
41-45 '61. (MIRA 15:2)

1. Is kafedry pediatrii (sav. - dotsent L.G.Loyvikov) Karagandinskogo  
meditsinskogo instituta.  
(DIPHTHERIA PREVENTIVE INOCULATION)

KISTELSKI, Leszek, mgr inż.

liquid nitrogen in refrigeration transportation. Przegl  
techn 85 no.26:9 28 Ja'64.

KISTENEVA, G.S.

Changes in the basal metabolism of children with Botkin's disease  
undergoing diet therapy. Vop.pit. 24 no.3:54-56 My-Je '65.  
(MIKA 18:12)

1. Otdel detskogo pitaniya (zav. - kand.med.nauk Yu.K.Poltava)  
Instituta pitaniya AMN SSSR, Moskva. Submitted September 17,  
1964.

KISTELSKA-NIELUBOWICZOWA, H.

~~Pathogenesis of migraine. Polski tygod. lek. 8 no. 42:1440-1443; contd.~~  
19 Oct 1953. (ODML 25:4)

1. Of the Neurological Clinic (Head--Prof. A. Opalski, M.D.) of Warsaw Medical Academy.

Wasszawa. \*Patogeneza migreny. Pathogenesis of migraine POLSK. TYG. LEK. 1953, 8/43  
(1401-1405), (1440-1443), (1470-1473), (1511-1514)

A review of the literature and detailed description of a new clinical type, called by the author 'hemiplegic migraine'. During attacks of the ordinary or ophthalmic migraine there appeared a spastic hemiplegia (3 cases). There are 3 characteristics: (1) long duration of paralysis (several weeks or months), (2) intensity of paralysis and (3) familial incidence. One autopsy revealed underdevelopment of the left cerebral hemisphere in the individual with right hemiparesis after the attacks of migraine. References 51.

Ziernowicz - Wroclaw

SO: Excerpta Medica; Section VIII Vol. 7 No. 11.

**KISTERNIA, H.**

Pathogenesis of migraine. Polski tygod. Lek. 8 no.44:  
1511-1514 compl. 2 Nov 1953. (OBNL 25:5)

1. Of the Neurological Clinic (Head--Prof. Adam Opalski, M.D.)  
of Warsaw Medical Academy.

*KISTELSKA, NIELUBOWICZOWA, HELENA*

POLAND/Virology. Viruses of Man and Animals.

E-3

Abs Jour: Ref. Zh.-Biol., No 9, 1957, 35457

Author : Kistelska-Nielubowiczowa, Helena

Inst :

Title : A Disease Caused by Skin Abrasions (Cat Scratch Disease)

Orig Pub: Polski tygodn. lekar., 1955, 10, No 10, 314-317

Abstract: No abstract.

Card : 1/1

-17-

KISTEJSKA-NINIUBOWICZOWA, Helena,

Clinical forms of cerebellar atrophies. Neur. &c. polska 7 no.2:  
161-175 Mar-Apr 57.

1. Z Kliniki Chorob Nerwowych A. M. w Warszawie Kierownik: Prof. dr.  
A. Opalski. Adres: Warszawa, ul. Widok 18 m. 6.  
(CEREBELLUM, DISEASES,  
atrophy (Pol))



KISTELSKA--NIELUBOWICZOWA, Helena

Prof. Adam Opalski as a human being, physician and educator.  
Neurol., neurochir. psychiat. Pol. 15 no.1:1-5 Ja-P'65.

KISTHISKI, I.

Heard in processing fruits and vegetables. (Reg. 1000.00.00.00)  
28 8 162.

KISTELSKI, Leszek, mgr., inz.

Yesterday, today, and tomorrow of the Lenin Metallurgical Works.  
Przegl techn. 79 no.3:81-83 F '58.

(Poland—Metallurgy)

KISTELSKI, Leszek, mgr.ins.

Development problems of Polish steel making in the perspective.  
Przeegl techn 79 no.5:161-165 Mr '58.

KISTEWSKI, Leszek, mgr. inż.

Shop councils and technical cadres in the light of the Second  
National Conference of Shop Councils and the 4th Plenum of  
the Central Committee of the Polish United Workers Party. Przegł  
techn 81 no.6:12-14 P '60.

KISTELSKI, Leszek, mgr., inż.

Chief Technical Organization, Union of Socialist Youth, Central  
Council of Trade Unions. Przegl techn 8] no.10:2-3 '60.

1. Zastępca redaktora naczelnego tygodnika "Przegląd techniczny"

KISTELSKI, Leszek, mgr.inz.

Refrigeration as a topic of the Congress of the Association  
of Engineers and Technicians of the Food Industry. Przegl techn  
91 no.21:26-27 My '60.

KISTELSKI, Leszek, mgr., inż.; TOPOLNICKI, Tadeusz, mgr.

The 16/29th Convention of the Association of Polish Mechanical  
Engineers and Technicians. Przegl techn 81 no.25:17-19 Je '60.



KISTELSKI, Leszek, mgr.inz.

Yesterday, today, and tomorrow of the Lenin Metallurgical  
Works.Pt.II. Przegl techn '79 no.4:123-126 F '61.

P/005/61/000/016/002/003  
A076/A126

AUTHOR: Kistelski, Leszek, Master of Engineering  
TITLE: The Cieszyn refrigerating equipment manufacturing plant  
PERIODICAL: Przegląd Techniczny, no. 16, 1961, 5-6

TEXT: The article describes the production history of the Cieszyńska Wytwórnia Urządzeń Chłodniczych (Cieszyn Refrigerating Equipment Manufacturing Plant), its products and organization plans. During the SIMP Scientific and Technical Conference held on November 25-26, 1960, some participants presented strong arguments as to why the production should be incorporated in the Zjednoczenie Przemysłu Lotniczego MPC (Cooperative of Aviation Industry MPC). During this conference demands were raised to incorporate the Cieszyn Refrigerating Equipment Manufacturing Plant, the only producer of automatic refrigerating equipment in Poland. However, this demand was rejected by Minister of Heavy Industry, Engineer Zygmunt Ostrowski. The Cieszyn plant produces about 80 types of various refrigerating control devices: TS-1, 2, and 3 box thermostat; TK chamber thermostat - thermo, refrigerating and pressure; expanding TZR and automatic AZR cut-off valves as well as other small parts, e.g. bolts, screws, etc. The designing

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The Cieszyn refrigerating equipment ...

P/005/61/000/016/002/003  
A076/A126

section of the plant headed by Engineer Zbigniew Pagiela, consists of 10 designers and technicians who design all the equipment produced by this plant. This equipment is tested in the plant laboratory, headed by Master of Engineering Jerzy Wilczek, which has 13 persons, among them Engineer J. Supik. The plant employs 520 people, of whom a great number take part in correspondence courses organized by the Technikum Chłodnicze (Refrigerating Technicum) in Gdynia. Others attend evening courses at the Technikum Elektryczne (Electrical Technicum) in Cieszyn. In addition, a number of courses are held at the plant. Main buyers of equipment produced by this plant are the MPC, domestic sales industry, home refrigerating plants in Mielec, Grudziądz, Wrocław, Bydgoszcz, the Mostostal in Wrocław and the Śląskie Zakłady Przemysłowe (Silesia Industrial Plant) in Tarnowskie Góry (Tarnow Mountain). The plant began export of refrigerating equipment in 1959. The value of goods exported reached 2 million Złoty in 1959, 5 million Złoty in 1960 and it is estimated that goods valued at 16 million Złoty will be exported during 1961. The products are exported to Yugoslavia, Egypt, Brazil, and negotiations are carried out with the USSR. During 1958, the plant produced goods valued at about 12 million Złoty; in 1960 - 36 million Złoty; it is planned to produce in 1961 goods valued at about 42 million Złoty; in 1963 - 60 million Złoty; in 1964 - 160 million Złoty and in 1965 about 256 million Złoty.

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P/005/61/000/052/001/001  
D268/D303

AUTHOR: Kistelski, Leszek, Master of Engineering  
TITLE: Development of the construction of refrigeration  
plant in the USSR (2)  
PERIODICAL: Przegląd techniczny, no. 52, 1961, 7

TEXT: This paper describes the expansion of the Russian refrigeration industry. The achievements envisaged in the next Seven Year Plan in large industrial refrigeration plants used mainly for the chemical industry are based on the progress so far reached in this field. The increased production of compressor and ammonia type units is noted and a popular description given of some merits of refrigeration plants and installations prepared for, or already in production. There are 3 figures and 2 Soviet-bloc references.

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KISTELSKI, Leszek, mgr., inż.

Ventilation and pneumatic cold storage rooms; a scientific-technical conference in Krakow. Przegl techn no.10:8 '62.

1. Zastępca redaktora naczelnego tygodnika "Przegląd Techniczny".

KISTELSKI, Leszek, mgr. inż.

Certain problems of the technological staff in the light of  
experiences of the U.S.S.R. Przegl techn no.29:4. J1 '62.

KISTELSKI, Leszek, mgr. inż.

Design and construction of cooling equipment and machinery in  
the U.S.S.R. Przegl techn No.30:9. J1 '62.

KISTELSKI, Leszek, mgr. inz.

The problem of the Odansk Shipyard again under discussion.  
Przegl techn 79 no.9:399-404, My '58.



KISTELSKI, Leszek, mgr.ins.

A new element in the precongressional activities. Przegl techn  
no.52:9 28 D '60.

KISTELSKI, Leszek, mgr ins.; PISARSKI, Andrzej, mgr ins.

Transportable cooling constructions. Przegl techn no.43:7,8  
28 0 '62.

KISTELSKI, Leszek, mgr ins.

Ten years of activities of the training center of the Association  
of Polish Mechanical Engineers and Technicians, 1951-1961.  
Przeegl techn no.2:13 10 Ja '62.

KISTELSKI, Leszek, mgr. inż.

Everyday problems in the Gdansk Shipyard. Przegl techn  
79 no.1:5-10 Ja '58.

KISTELSKI, Leszek, mgr inz.

Tasks of Warsaw industry in 1962; as seen at the 2d Plenum  
of the Warsaw Voivodeship Committee of the Polish United Workers  
Party. Przegl techn no.1:3, 11 3 Ja '62.

KISTELSKI, Lezak, mgr ins.

Construction and utilisation of fan and air-cooled cold stores; a scientific and technical conference in Krakow. Przegl techn no.10:8 11 Nr '62.

KISTELSKI, Leszek, mgr. inż.

An impressive contribution of Soviet science to the task  
to conquer the cosmos. Przegl techn no.15:1,3 Ap '62.

KISTELSKI, Leszek, mgr inż.

Planning and the industrial enterprise. Przegl techn  
no.34:1,2 26 Ag '62.



KISTELSKI, Leszek, mgr inż.

Needs and organizational shortcomings of the cooling industry  
in Poland. Przegl techn no.46:5,6 18 N '62.

KISTELSKI, Leszek, mgr inż.; PISARSKI, Andrzej, mgr inż.

Technological progress in the cooling industry; thermoelectric cooling.  
Przeł techn 84 no.4:11-12 27 Ja '63.

KISTELSKI, Leszek, mgr inż.

Refrigerating engineering in the U.S.S.R., 1959-1962. Przegl  
techn [84] no.9:9-10 3 Mr '63.

KISTELSKI, Leszek, mgr inz.

Some remarks on the cooling engineering shown at the 1963  
International Poznan Fair. Przegl techn 84 no.42:9,10 20 0 '63.

KISTELSKI, Leszek, mgr ins.

Technical basis of inland commerce on its successive stages  
of development. Przegł techn 84 no.43:1,3 27 0 '63.

KISTELSKI, Leszek, mgr. inż.

Cooling terminology. Przegl tech 84 no.26:7,8 30 Jo '63.

KISTELSKI , Leszek, mgr ins.

Problems of acclimatization in the U.S.S.R. Przegł techn 85 no.4,7,8  
26 Ja '64.

KISTELSKI, Leszek, mgr. inż.

For fast and inexpensive building of cooling installations.  
Przegl techn 85 no.7:7,8 16 F'64.



KISTELSKI, Leszek, mgr inz.

For proper development trends in refrigerating engineering  
during the coming five-year plan. Przegl techn 85 no. 22:  
4-5 31 My '64.

KISTELSKI, Leszek, mgr inż.

Krakow refrigeration terminology. Przegl techn 85 no. 30:  
6 26 J1 '64.

KLETSKI, Leonid, mgr in4.

All-Union Convention on Refrigeration in Moscow. Trudi  
Techn 85 no.49:10 6 D '64.

KISTELSKI, Leszek, mgr inż.

Conclusions and directives of the All-Union Refrigeration  
Convention in Moscow. Przegł techn 85 no.32:8 27 D '64.

KIEBULSKI, Leszek, mgr inż.

More on refrigeration terminology. *Przegl techn* 86 no. 9:12 23 F '65.

KISTELSKI, Leszek, mgr inż.

Refrigeration engineering during the last ten years: interview with [Dr.] St. Lindberg, Vice Minister, Chairman of the Collective for Refrigeration Engineering. Przegl techn 26 no. 10:1,4 7 Mr '65.

KISTELSKI, Leszek, mgr inż.

Our own elaborations or foreign licenses? Przegl. techn. 86  
no.18:1-2 2 My '65.

KISTELSKI,

KKSTELSKI, Leszek, mgr inż.; PISARSKI, Andrzej, mgr inż.

Following the technological progress in the cooling industry;  
cooling by means of liquid nitrogen. Przegl techn no.51:7,8  
23 D '62.



CHARNOVSKIY, Yan Vatslav [Czarnowski, Jan Wacław], magistr inzh., glav. red.; KISTEL'SKIY, Leshak [Kistelski, Leszek], magistr inzh., zam. glav. red.; TOPOL'NITSKIY, Tadeush [Topolnicki, Tadeusz], magistr inzh., zam. glav. red.

[Special issue devoted to Polish technology and industrial production] Spetsial'nyi vypusk, posviashchennyi pol'skoi tekhnike i promyshlennomu proizvodstvu. Warsaw, Izd-vo tekhn. zhurnalov Glav. tekhn. Organizatsii, 1959. 132, 140 p.  
(MIRA 17:3)

KISTEN', G.Ye.[Kysten', H.IE.], inzh.

Improving the electric circuit of the VAE-6 mercury arc  
rectifier. Mekh.sil'.hosp. 10 no.12:23 D '59.

(MIRA 13:3)

(Electric current rectifiers)

KISTEN', G.Ya. [Kysten', H.Ya.], inzh.-elektrik

Economize electric power in agriculture. Mekh.sil'.hosp. 11  
no.1:7-9 Ja '60. (MIRA 13:4)  
(Electricity in agriculture)

MARTYNENKO, Ivan Ivanovich; DOROSH, I.Y.; ~~KISTEN', G.Ya.~~  
[Kysten', H.IA.]; KOLOMIYETS', I.P.[Kolomiiets', I.P.];  
LEVITSKAYA, G.P.[Levyts'ka, H.P.], red.; GULENKO, O.I.  
[Hulenko, O.I.], tekhn. red.

[Use of electric power on the "Shliakh do komunizmu"  
Collective Farm] Vykorystannia elektroenergii v kolhospi  
"Shliakh do komunizmu." Kyiv, Dershsil'hospvydav URSR,  
1962. 58 p. (MIRA 16:5)  
(Electricity in agriculture)

KISTEN', G.Ye., kand. tekhn. nauk

Automatic control of transformers. Mekh. i elek. sots. sel'khoz.  
21 no.3:43-45 '63. (MIRA 16:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i  
elektrifikatsii sel'skogo khozyaystva.  
(Electric transformers) (Automatic control)

KISTENEV

Increasing deposits in the village. Fin. SSER 18 no. 4:56-57 Ap '57.

(MIRA 10:6)

1. Zaveduyushchiy tsentral'noy sberagatel'noy kassoy Novo-Aleksandrovskogo rayona.

(Novo-Aleksandrovskaya District--Savings banks)

GRISHIN, V.O.; KISTENEV, E.P.; MU TSIYUN' (Mu Chün)

Scattering of 4 GeV/c  $\pi^-$ -mesons on electrons. IAd. fis. 2  
no.5:886-891 N '65. (MIRA 18:12)

1. Ob"yedinennyy institut yadernykh issledovaniy.

ACC NR: AP6023639

SOURCE CODE: UR/0386/66/004/001/0036/0039

AUTHOR: Bem, Ya.; Grishin, V. G.; Kistenov, E. P.

ORG: Joint Institute of Nuclear Research (Ob'yedinennyi institut yadernykh issledovaniy)

TITLE: Production of electron-positron pairs by high-energy gamma quanta

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 4, no. 1, 1966, 36-39

TOPIC TAGS: electron positron pair, pair production, differential cross section, photoconductivity, pion proton interaction, gamma interaction, propane bubble chamber

ABSTRACT: Since there are at present no quantitative data on the differential cross section for the photoproduction of  $e^+e^-$  pairs at gamma energies higher than 500 Mev, the authors investigated the production of such pairs by  $\gamma$  quanta of energy 10 - 1000 Mev with the aid of the 23-liter propane bubble chamber of LVE OIYaI. The quanta were produced by  $\pi^+p$  collisions with momenta 4 and 7 Gev/c. A total of 3645  $e^+e^-$  pairs were selected for the analysis. The procedure for measuring the electron and positron energies in the propane chamber, with allowance for the radiation and ionization corrections, is described in another paper (OIYaI Preprint R-2636, 1966). The obtained experimental data are in good agreement, within  $\pm 15\%$ , with the Bethe-Heitler theory (Proc. Roy. Soc. London, A146, 83, 1934) for gamma energies 10 - 5000 Mev. With increasing  $\gamma$ -quantum energy, the distribution changes from a flat-topped curve to one

Card 1/2



L 36245-66

ACC NR: AP6023639

with a definite dip in the region where  $v = 0.5$  ( $v$  - ratio of the positron and  $\gamma$ -quantum energies). The distributions with respect to  $v$  are symmetrical about  $v = 0.5$  for all photon energies within  $\sim 5\%$ . The authors thank A. A. Kuznetsov, V. B. Lyubimov, V. L. Lyuboshits, M. I. Podgoretskiy, and Z. Trka for useful discussions. Orig. art. has: 1 figure, 1 formula, and 2 tables.

SUB CODE: 20/ SUBM DATE: 19Apr66/ ORIG REF: 002/ OTH REF: 010

Card 2/2 *llb*

Synthesis of 3,3-dihydroxytoluene (crystal). M. S. Kiseleva and M. S. Kochetkovskii (Chem. Reagent Inst., Moscow). *Zhur. Priklad. Khim.* (J. Applied Chem.) 32, 1108-12 (1948). — Freshly distd.  $\alpha$ -MeC<sub>6</sub>H<sub>4</sub>NH<sub>2</sub> (400 g.) is treated below 100° with 485 g. H<sub>2</sub>SO<sub>4</sub> (d. 1.84), the mixt. heated 3 hrs. at 180-200°, 1.5 hrs. at 190-220°, and 3 hrs. at 220-300°, cooled to room temp., 200 g. 20% oleum added, the mixt. kept 1 hr. at 140-60° and 0.5 hr. at 180-70°, treated with 2 kg. hr., the crude acid filtered off, combined with the Na salt pptd. by adding 600 g. NaCl to the mother liquor, boiled with charcoal in 1.5 l. H<sub>2</sub>O, filtered, and 1.5 l. 28% NaCl added, pptg. 1180-1200 g. 94% pure mono-Na salt of 2-amino-3-hydroxy-3,5-dinitrobenzoic acid (I). This (240 g.) in 1.5 l. H<sub>2</sub>O and 120 ml. concd. HCl treated with 61.5 g. NaNO<sub>2</sub> in 100 ml. H<sub>2</sub>O at 0-5°, let stand 0.5 hr., and 180 g. NaCl added, gave 225-30 g. diazo compound, which, boiled with 2 l. EtOH and 15 g. CuSO<sub>4</sub> 4-4.5 hrs., yielded 75-85 g. mono-Na salt of 3,5-dinitrobenzoic acid, while the filtrate after evapn. of the EtOH, treatment of the residue with H<sub>2</sub>O and NaOH, filtration, and evapn. gave 115-20 g. di-Na salt. Akin. of the diazo compd. (from 0.5 mole NH<sub>2</sub> deriv.) to 900 g. 50% HClO<sub>4</sub> and 15 g. Cu filings with stirring 1.5-2 hrs. at room temp. gave 85-95% di-Na salt of 3,5-dinitrobenzoic acid after concn. and neutralization with NaOH. Addn. of this (200 g.) (or 185 g. mono-Na salt) to 430 g. molten NaOH and 180 g. KOH at 220-240°, stirring 1-1.5 hrs. at 200-300°, quenching, acidifying with HCl, filtration, concn., filtration of the NaCl, neutralization to alk., to litmus, extr. with CCl<sub>4</sub> to remove impurities and, finally, extr. with BuOH or iso-AmOH, and evapn. of the ext. gave 23-7 g. crystal, bp. 168-70°, m. 110-10.5° (from C<sub>6</sub>H<sub>5</sub>). Heating 70 g.  $\alpha$ -CH<sub>3</sub>CH<sub>2</sub>Me and 280 g. concd. H<sub>2</sub>

SO<sub>4</sub> 5 hrs. at 120-40° gave 70-5%  $\beta$ -o-chlorotoluene/ole, which was converted to the A salt by K<sub>2</sub>CO<sub>3</sub>; the K salt fused 25-30° even. at 250-260° with NaOH gave a pure yield of impure crystal, m. 100-5°. (J. M. Kiseleva)

KISENEVA, M. S.

"Investigation in the Field of Azomethine Dyes Derived From Oxidol."  
Sub 4 Jun 51, Moscow Inst of Fine Chemical Technology imeni M. V. Lomonosov.

Dissertations presented for science and engineering degrees in Moscow  
during 1951.

SO: Sub. No. 480, 9 May 55

**KISTENEVA, M.S.**

Research in the field of azomethine dyes derived from oxindole derivatives. Part 2. *Dur.ob.khim.* 26 no.7:2019-2025 J1 '56.  
(MIRA 9:10)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii.  
(Schiff bases) (Oxindole)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722910013-6

1. The first part of the document is a list of the names of the individuals who were involved in the project. The names are listed in alphabetical order and are as follows:

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CIA-RDP86-00513R000722910013-6"

NAME: KIRSTEN EVELINE

1 WITH NO-FILE HAVE 3 CHANGES TO THE RECORDS  
OF 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 103

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KISIENEVA, M.S.; SYRKIN, Ya.K.

Alkylation kinetics of 2-acetylmethylene-3-ethylbenzothiazoline  
(study of active seven-membered complexes). Dokl. AN SSSR  
146 no.1:100-101 s '62, (MIRA 15:9)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M.V.  
Lomonosova. 2. Chlen-korrespondent AN SSSR (for Syrkin).  
(Benzothiazoline) (Alkylation)



KISTENEVA, M. (Moscow)

Color of azomethine dyes, derivatives of oxindole. Zhur. fiz.  
khim. 35 no.2:401-403 F '61. (MIRA 16:7)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni  
M.B. Lomonosova.  
(Oxindole—Spectra)

KISTER, A.K.

Appendicitis

Symptoms of the left psoas in chronic appendicitis, Khirurgia, No. 12, 1951.

Monthly List of Russian Accessions, Library of Congress, March 1952, UNCLASSIFIED

KISTER, A.K.

Gurova E.G.

"Paronychia and its treatment." Reviewed by A.K. Kister. Khirurgiya No. 4, 1952

Monthly List of Russian Accessions, Library of Congress, August 1952, UNCLASSIFIED

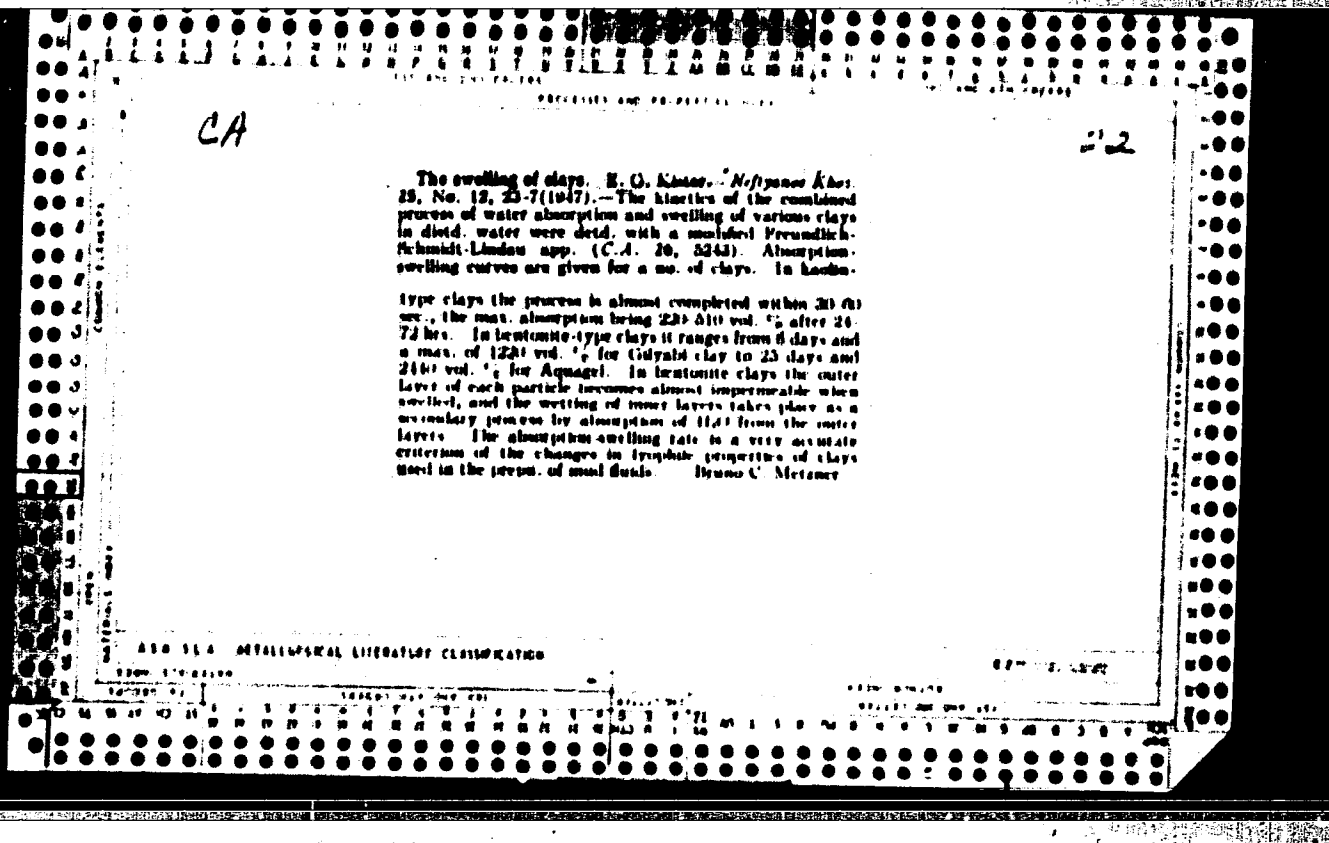
KISTAR, A.K., zaslushennyy vrach RSFSR (Rshev, Kalininskoy obl., ul.  
Ryboysheva, d.2)

Latent fractures of the metacarpus. Vest.khir. 78 no.4:87 Ap '57.  
(MIRA 10:9)

1. Iz Rshevskoy ob'yedinennoy bol'nitsy Kalininskoy shel.dor.  
(nach. bol'nitsy - R.R.Zakaryan)  
(METACARPUS, fractures,  
latent (Rus))

KISTER, E.G.; LERNER, R.S.; ROGOZIN, G.V.

Investigating the lubricating properties of circulating fluids.  
Trudy VNIIBT no.8;140-153 '63. (MIRA 17:9)



2A

2

Rate of deformation and mechanical properties of structures in clay suspensions. N. P. Figaev and M. I. Kiselev. *Izvestiya Akad. Nauk S.S.S.R. 66, 812 (1968)*. In investigations in the app. of Voller-Nordlander (C.A. 60, 100, 101V), stress-strain diagrams of clay suspensions show an initial elastic portion of rapidly increasing stress  $P$ , followed by a linear fall of  $P$  corresponding to destruction of structure, and ending in the horizontal viscous-flow branch. This latter portion is the most variable, depending on the conditions of application of the stress, the age, and the nature of the system. The strength of the structures, expressed by the limiting static shearing stress  $\theta$ , also varies within very wide limits depending on the nature of the clay; the strength of montmorillonite structures is about 10-100 times as great as that of kaolinite structures. It increases with a power of the concn. of the suspension, e.g. with its 3rd power in the case of Turkestan bentonite. The strength of this clay, in 12.5% suspension, on standing 1 month, increased by a factor of 6-7, with  $\theta$  attaining 6450 dynes/cm. Destruction of the structure of clays is generally of the brittle type; plastic destruction is proper only to weak structures. Increased rate of deformation causes only a slight increase of the modulus of elasticity. The effect of the rate on  $\theta$  is much more pronounced. At any concn.,  $\theta$  first increases linearly with the rate, then becomes independent of it. This invariance apparently is due to the rate of relaxation being much slower than the rate of deformation. In some very dense suspensions,  $\theta$  increases again at very high rates. With a sensitive dynamometer, the viscous-flow branch shows characteristic pulsations, particularly marked at low rates of deformation. The max. rate at which the pulsations are still noticeable was higher in more coarsely and ripely suspensions.

N. Tien

1457

Chem. A

Clay preparations for drilling. A. V. Zhigach, R. G. Koles, and I. R. Zhurav. *Izvestiya Akad. Nauk SSSR* 77, 1111 (1961). An alkali liquor was made from mixtures of sodium silicate, caustic soda, and alkali perfluorates. The liquors were used alone or as admixtures to increase colloidal characteristics of local clays. The liquors are dispersed well within 30-50 min. in a clay mixture. Use of liquors reduced clay consumption to 30-35 times per well and increased speed of drilling. In drilling sulfate and carbonate rocks with alk. clay liquors, there are formed natural limestone-gypsum-clay slurries with good structural-mech. characteristics but with a somewhat high water content which can be reduced by admix. of stabilizers. II, 2, K.

1907



KISTER, N.O.; ZLOTNIK, D.Ye.

Measurements of the static pressure of displacement of drilling muds. Neft.khoz. 33 no.4:16-19 Ap '55. (MLRA 8:7)  
(Oil well drilling fluids)

AUTHOR: *KISTER, E. G.*  
Kister, E.G.

93-57-7-5/22

TITLE: Drilling Fluids with a Salt-saturated Sulfite Waste  
Liquor Base (O glinistykh rastvorakh na osnove  
sul'fit-spirovoy bardy s sol'yu)

PERIODICAL: Neftyanoye khozyaystvo, 1957,<sup>35</sup> Nr 7, pp 18-22 (USSR)

ABSTRACT: On the basis of laboratory data Soviet researchers [Refs. 1-10] recommend using salt-saturated sulfite waste liquor base (SSB s sol'yu) drilling fluids for drilling under complex geological conditions. From drilling data obtained for firm formations, G.N. Khangil'din [Refs. 2,4], recommends this type of fluid to prevent well cave-ins. N.P. Chertkov and G.N. Khangil'din [Ref. 3] recommended this fluid for drilling well 5 at Dangar, Kazakhstan, where there was a problem of frequent delays and seizure of equipment but no well cave-ins. According to the

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Drilling Fluids with a Salt-saturated (Cont.)

93-57-7-5/22

Kazakhstan Petroleum Industry Association, use of this fluid did not produce positive results. Use of these fluids in Azerbaydzhan, in well 25 at Adzhiveli [Refs. 6,10], and well 80 at Pirsagat [Ref. 11], and by the Ukrainian Petroleum Industry Association (Ukrneft') in well 12 at Shebelinka [Ref. 9], met with partial success. A.F. Gayntsev and M.I. Lipkes [Refs. 13,14] who investigated the effect of this fluid in well 12 at Abramovka, Stalingradskaya Oblast', concluded that this type of fluid only delays cave-ins but does not prevent them. Data on this well as compiled by the Central Scientific Research Laboratory of the Stalingrad Trust for Oil and Gas Prospecting (TsNIL tresta Stalingradneftegazrazvedka) is presented in a table. Complications due to the use of this fluid were encountered at Lyal'-Mikar of the Termez Petroleum Industry Association (Termezneft') in 1953 and at the Malinovskaya pool (Malinovskaya ploshchad') of the Kuybyshev Petroleum Industry Association (Kuybyshevneft') in 1954. The author criticizes scientists for

Card 2/3

Drilling Fluids with a Salt-saturated (Cont.)

93-57-7-5/22

recommending these fluids and also warns against the use of salt-saturated silicate fluids and cellulose glycol ether additions (GETs) to water. Saturated salt sulfite waste liquor base drilling fluids have been rejected by all those who have tried them and obtained negative results. The author concludes that the possibilities of using these fluids for deep-well drilling under complex geological conditions are not great. There are 14 Soviet references and one table.

AVAILABLE: Library of Congress

Card 3/3 1. Drilling-Techniques

KISTER, E.G.,kand.tekhn.nauk; ZLOTNIK, D.Ye.,kand.khim.nauk

Production of humic reagents for drilling muds. Trudy VNIIST  
no.1:157-170 '58. (MIRA 11:12)  
(Clay)

KISTER, M.G., kand.tekhn.nauk; GUBAREVA, T.P., inzh.; BABUKOVA, Ye.O., inzh.

Studying clay emulsions and using them as drilling muds. Trudy  
VNIIBT no.1:171-183 '58. (MIRA 11:12)  
(Emulsions)

AKHIEZER, I. I., THIGACH, K. F., REBINER, P. A., SHAP-ORINA, V. V.,  
AKHIEZER, I. I., IUVENIK, I. K., FINKELSTEIN, I. Z., ISLONOV, V. M., (CONT'D II)

"Physico-Chemical and Technological Investigation of Mud Fluids  
Used for Drilling Wells."

Report submitted at the Fifth World Petroleum Congress, 30 May -  
5 June 1959. New York.

KISTER, M.G.; ZHVAKITSKIY, Ye.P.

Efficient method for producing coal alkali reagent. Neft.  
khov. 37 no.2:33-37 F '59. (MIRA 12:4)  
(Chemical tests and reagents)



KISTER, N.O.

Stability of palygorskite to salt. Koll. zhur. 22 no. 6:680-  
688 N-D '60. (MIRA 13:12)

1 Vsesoyuznyy nauchno-issledovatel'skiy institut burovoy  
tekhniki Moskva.  
(Palygorskite)

KISTAR, E.G.

Heat resistance of clay muds and ways of improving it. Left. Khos.  
39 no.11:18-25 N '61. (MIRA 14:12)  
(Oil well drilling fluids)

KISTER, E.O.; LIPKES, M.I.

Calcium chloride drilling fluids. Neft. khoz. 40 no.5:17-20  
My '62. (MIRA 15:9)  
(Oil well drilling fluids)

KISTER, E.G.

Certain problems in the chemical treatment of clay soils. Izv.  
VNIIBT no. 5-5-10-101. (MIRA 17-9)